

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

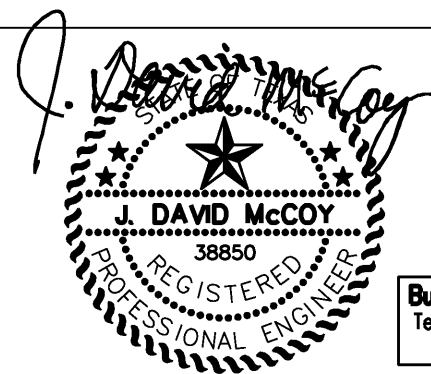
2 SECTION AT 11-AHU-1
SCALE: 1/2" = 1'-0"

1 ENLARGED BASEMENT MECHANICAL ROOM PLAN
SCALE: 1/2" = 1'-0"

- KEYED PLAN NOTES:
- 30" x 20" INSULATED SUPPLY AIR DUCT RISER.
 - 30" x 20" RETURN AIR DUCT RISER.
 - 10" x 20" GENERAL EXHAUST DUCT RISER.
 - OUTSIDE AIR INTAKE LOUVRES WITH 2 SQ. FT. FREE AREA; PROVIDE INSULATED PLENUM FULL SIZE OF LOUVER & 18" DEEP.
 - PROVIDE VERTICAL R.A. DUCT FULL SIZE OF MIXING BOX INLET CONNECTION & OF A HEIGHT TO ENGAGE THE OVERHEAD R.A. DUCTS. PROVIDE FLEXIBLE CONNECTION AT R.A. MIXING BOX INLET.
 - PROVIDE HORIZONTAL O.A. PLENUM FULL SIZE OF MIXING BOX INLET CONNECTION; TAPER PLENUM BACK TO THE VERTICAL 16/16 O.A. DUCT & TAP TOP OF PLENUM WITH O.A. DUCT; PROVIDE MANUAL DAMPER IN THE VERTICAL 16/16 O.A. DUCT ABOVE THE PLENUM TAP; CONNECT VERTICAL DUCT TO THE PLENUM WITH FLEX CONNECTOR.
 - 2 1/2" CHWS AND CHWR DROP TO COOLING COIL ON 11-AHU-1. REFER TO DETAIL 9/DWG. MH502 FOR MORE INFORMATION.
 - 2" MPS DROP TO PREHEAT COIL ON 11-AHU-1. 1" LPR DOWN THROUGH FLOOR TO PIPE BASEMENT BELOW. CONNECT TO EXISTING LPR LINE IN PIPE BASEMENT. REFER TO DETAIL 7/DWG. MH502 FOR MORE INFORMATION.
 - UNIT DRAIN TO FLOOR SINK. COORDINATE WITH PLUMBING. SECURE PIPING TO FLOOR WITH UNISTRUT AND PIPE CLAMPS. ROUTE ADJACENT TO HOUSEKEEPING PAD.

SCHEMATIC DESIGN SUBMISSION	08/02/10
DESIGN DEVELOPMENT SUBMISSION	09/03/10
CONSTRUCTION DOCUMENT SUBMISSION	11/22/10
ISSUE FOR BIDS	12/19/11
Revisions:	Date:

CONSULTANTS:



12/16/11
Burns, DeLatté & McCoy, Inc.
Texas Registered Engineering Firm
F-585

ARCHITECT/ENGINEERS:

WILSON ARCHITECTURAL GROUP
505 WESTHEIMER, SUITE 800 HOUSTON, TEXAS 77058 TELEPHONE (713) 921-9794

MEP ENGINEERS BURNS DeLATTÉ AND MCCOY, INC.
STRUCTURAL ENGINEERS PINNACLE STRUCTURAL
FIRE PROTECTION ENGINEERS PROTECTION DEVELOPMENT INC.
CIVIL ENGINEERS BREWER AND ESCALANTE

Drawing Title
MECHANICAL LARGE SCALE PLANS
AND SECTIONS
SCALE: SEE DRAWING

Approved Project Director

Project Title
BUILDING 11 ADDITION AND
INTERIOR RENOVATIONS

Location
WACO, TEXAS

Date
19 DEC 2011

Checked
FP

Drawn
JKL

Project Number
674A4-CSI-516

Building Number
11

Drawing Number
11
MH401

Dwg. of

Office of
Construction
and Facilities
Management

